

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Previously Presented) A method of defining a user interface for a computer program, comprising:

after execution of the computer program has begun, automatically defining a user interface of the program by:

reading a function description of a first function to be provided by the user interface on the fly at run time, the function description comprising instructions to handle user interface events;

executing logic on the fly at run time to select an appearance description of a first appearance to be presented by the user interface;

associating the function description and the appearance description on the fly at run time into an executable form;

executing the executable form of the user interface to generate the user interface with the associated function description and appearance description; and

executing logic to independently change one of the function description and the appearance description during program execution.

2. (Previously Presented) The method of claim 1, further comprising replacing the function description during program execution while providing a continuity of presentation.

3. (Previously Presented) The method of claim 1, further comprising replacing the appearance description during program execution to present logic of the user interface with a different appearance.

4. (Previously Presented) The method of claim 1, further comprising:
reading a map defining multiple functions to be provided by the user interface including the first function;

reading a fashion defining all appearances to be presented by the user interface including the first appearance;

associating the map and the fashion on the fly at run time; and

executing the user interface with the associated map and fashion.

5. (Previously Presented) The method of claim 4, further comprising replacing the map during program execution.

6. (Previously Presented) The method of claim 4, further comprising replacing the fashion during program execution.

7. (Previously Presented) The method of claim 4, wherein the map specifies that a subordinate part of the user interface is specified by a second map-fashion pair.

8. (Previously Presented) The method of claim 4, further comprising receiving an event from one of the map and the fashion.

9. (Previously Presented) The method of claim 8, further comprising executing business logic associated with the received event.

10. – 20. (Canceled)

21. (Previously Presented) A computer-readable medium to define a user interface for a computer program after execution of the computer program has begun, comprising instructions to:

read a function description of a first function to be provided by the user interface on the fly at run time, the function description comprising instructions to handle user interface events; execute on the fly at run time logic to select an appearance description of a first appearance to be presented by the user interface;

associate the function description and the appearance description on the fly at run time; execute the user interface with the associated function description and appearance description; and

execute logic to independently change one of the function description and the appearance description during program execution.

22. (Previously Presented) The computer-readable medium of claim 21, further comprising instructions to replace the function description during program execution while providing a continuity of presentation.

23. (Previously Presented) The computer-readable medium of claim 21, further comprising instructions to replace the appearance description during program execution to present logic of the user interface with a different appearance.

24. (Previously Presented) The computer-readable medium of claim 21, further comprising instructions to:

read a map defining multiple functions to be provided by the user interface including the first function;

read a fashion defining all appearances to be presented by the user interface including the first appearance;

associate the map and the fashion on the fly at run time; and
execute the user interface with the associated map and fashion.

25. (Previously Presented) The computer-readable medium of claim 24, further comprising instructions to replace the map during program execution.

26. (Previously Presented) The computer-readable medium of claim 24, further comprising instructions to replace the fashion during program execution.

27. (Previously Presented) The computer-readable medium of claim 24, wherein the map specifies that a subordinate part of the user interface is specified by a second map-fashion pair.

28. (Previously Presented) The computer-readable medium of claim 24, further comprising instructions to receive an event from one of the map and the fashion.

29. (Previously Presented) The computer-readable medium of claim 28, further comprising instructions to execute business logic associated with the received event.

30. – 36. (Canceled)

37. (Previously Presented) The method of claim 1, further comprising customizing a selection base of function descriptions and appearance descriptions based on a geographic location of a user.

38. (Previously Presented) The method of claim 1, wherein a selection of at least one of the function description and the appearance description is made according to an environment variable.

39. (Previously Presented) The method of claim 1, further comprising selecting at least one of the function description and the appearance description based on a geographic location of a user of the computer program, wherein the function description is separate from the appearance description.

40. (Previously Presented) The method of claim 1, wherein the function description includes the logic to select an appearance description.

41. (Previously Presented) The method of claim 1, wherein the function description includes the logic to independently change one of the function description and the appearance description during program execution.

42. (Previously Presented) The computer-readable medium of claim 21, further comprising instructions to select at least one of the function description and the appearance description based on a geographic location of a user of the computer program, wherein the function description is separate from the appearance description.

43. (Previously Presented) The computer-readable medium of claim 21, wherein the function description includes the logic to select an appearance description.

44. (Previously Presented) The computer-readable medium of claim 21, wherein the function description includes the logic to independently change one of the function description and the appearance description during program execution.

45. (Previously Presented) A system to define a user interface for a computer program, comprising:

- a presentation device to present a user interface;

- a processor configured to perform operations comprising:

 - reading a function description of a first function to be provided by the user interface on the fly at run time, wherein the function description comprises instructions to handle user interface events;

executing on the fly at run time logic to select an appearance description of a first appearance to be presented by the user interface;

associating the function description and the appearance description on the fly at run time into an executable form;

executing the executable form of the user interface to generate the user interface with the associated function description and appearance description; and

executing logic to independently change one of the function description and the appearance description during program execution.

46. (Previously Presented) The system of claim 45, wherein the processor is further configured to perform operations comprising replacing the function description during program execution while providing a continuity of presentation.

47. (Previously Presented) The system of claim 45, wherein the processor is further configured to perform operations comprising replacing the appearance description during program execution to present logic of the user interface with a different appearance.

48. (Previously Presented) The system of claim 45, wherein the processor is further configured to perform operations comprising:

reading a map defining multiple functions to be provided by the user interface including the first function;

reading a fashion defining all appearances to be presented by the user interface including the first appearance;

associating the map and the fashion on the fly at run time; and

executing the user interface with the associated map and fashion.

49. (Previously Presented) The system of claim 48, wherein the processor is further configured to perform operations comprising replacing the map during program execution.

50. (Previously Presented) The system of claim 48, wherein the processor is further configured to perform operations comprising replacing the fashion during program execution.

51. (Previously Presented) The system of claim 48, wherein the map specifies that a subordinate part of the user interface is specified by a second map-fashion pair.

52. (Previously Presented) The system of claim 48, wherein the processor is further configured to perform operations comprising receiving an event from one of the map and the fashion.

53. (Previously Presented) The system of claim 52, wherein the processor is further configured to perform operations comprising executing business logic associated with the received event.

54. (Previously Presented) The system of claim 45, wherein the processor is further configured to perform operations comprising selecting at least one of the function description and the appearance description based on a geographic location of a user of the computer program, the function description being separate from the appearance description.

55. (Previously Presented) The system of claim 45, wherein the function description includes the logic to select an appearance description.

56. (Previously Presented) The system of claim 45, wherein the function description includes the logic to independently change one of the function description and the appearance description during program execution.

57. (Previously Presented) The system of claim 45, wherein the presentation device comprises one or more of a display and a sound input-output device.

58. (Previously Presented) The system of claim 45, wherein the presentation device comprises a telephone.